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PATENT

Attorney Docket No: 28110/35915A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Ballinger et al.

Application Serial No. 09/835,996

Filed: April 16, 2001

For: Materials and Methods Relating to
Lipid Metabolism

Group Art Unit: 1614

Examiner: To be assigned

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Agent for Applicants

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**INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. §§ 1.56, 1.97 AND 1.98**Commissioner for Patents
Washington, D.C. 20231

Sir:

In compliance with 37 C.F.R. §1.97 and the continuing duty of disclosure under 37 C.F.R. §1.56, the applicants call to the attention of the examiner the enclosed publications, as listed on the attached Form PTO-1449, which may be considered material to the examination of the above-identified patent application. The Applicants request that all documents listed be made of official record in the above-identified application and considered by the Examiner. Copies of all documents are submitted herewith.

This information disclosure statement is not intended to be an admission that a search has been made, that other relevant art does not exist, or that any of the information disclosed herein constitutes prior art under 35 U.S.C. §102 or 35 U.S.C. §103.

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This information disclosure statement is submitted before receipt of a first official action on the merits and consequently should be considered by the Patent Office without payment of a fee pursuant to 37 C.F.R. §1.97(b). However, should the Patent Office determine that a fee is due for consideration of this information disclosure statement and accompanying publications, the Patent Office is hereby authorized to charge said fee to Deposit Account No. 13-2855.

Respectfully submitted,

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March 13, 2002

Form PTO-1449 (Modified)	 U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. 28110/35915A	Serial No. 09/835,996
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>			Applicant Ballinger et al.	TECH CENTER 1600/2900 MAR 22 2002
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U.S. PATENT DOCUMENTS							
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FOREIGN PATENT DOCUMENTS							
*Examiner Initials		Document Number	Publication Date	Country	Class	Subclass	Translation
							Yes
	B1	WO 00/37491	6/29/00	PCT			
	B2	WO 99/31236	6/24/99	PCT			
	B3	WO 00/24911	5/04/00	PCT			
	B4	WO 86/03778	7/03/86	PCT			
	B5	WO 00/44910	8/03/00	PCT			
	B6	WO 99/13066	3/18/99	PCT			
	B7	WO 01/00806	1/04/01	PCT			

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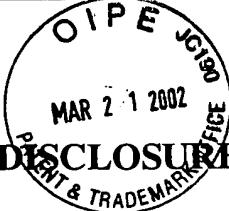
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
	C1	Chappell <i>et al.</i> , "Receptor-mediated mechanisms of lipoprotein remnant catabolism", <i>Prog Lipid Res</i> 37:393-422, 1998.
	C2	Beiseigel, "Lipoprotein metabolism", <i>Eur Heart J</i> 19 Suppl. A:A20-A23, 1998.

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C3	Breslow, "Genetics of lipoprotein disorders", <i>Circulation</i> 87 Suppl. III:III-16-III-21, 1993.	
C4	Du <i>et al.</i> , "Molecular and enzymatic analyses of lysosomal acid lipase in cholestrylo ester storage disease", <i>Mol Gen Metab</i> 64:126-134, 1998.	
C5	Brooks-Wilson <i>et al.</i> , "Mutations in ABC1 in Tangier disease and familial high-density lipoprotein deficiency", <i>Nat Genet</i> 22:336-345, 1999.	
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C8	Wang <i>et al.</i> , "Molecular cloning and expression of lipid transfer inhibitor protein reveals its identity with apolipoprotein F", <i>J Biol Chem</i> 274:1814-1820, 1999.	
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C11	de Jonge <i>et al.</i> , "Polyunsaturated fatty acids and signalling via phospholipase C-β and A ₂ in myocardium", <i>Mol Cell Biochem</i> 157:199-210, 1996.	
C12	Database GenBank. National Library of Medicine, (Bethesda, Maryland, US), Accession No. AJ222966, Osada <i>et al.</i> , Apolipoprotein A-IV nucleotide sequence, 1997.	
C13	Database GenBank. National Library of Medicine, (Bethesda, Maryland, US), Accession No. X68361, Osada <i>et al.</i> , Cloning and sequence of Cynomolgus (<i>Macaca fascicularis</i>) apolipoprotein A-IV gene, 1992.	
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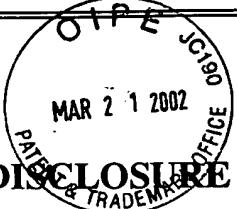
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	C37	Database GenBank. National Library of Medicine, (Bethesda, Maryland, US), Accession No. AF035776, Li et al., Human oxidized low density lipoprotein receptor: characterization of the full length cDNA sequence and assignment to human chromosome 12p13.1-12.3, 1997.
	C38	Database GenBank. National Library of Medicine, (Bethesda, Maryland, US), Accession No. AF079167, Yamanaka <i>et al.</i> , "The human gene encoding the lectin-type oxidized LDL receptor (OLR1) is a novel member of the natural killer gene complex with a unique expression profile", <i>Genomics</i> 54:191-199, 1998.
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	C40	Database GenBank. National Library of Medicine, (Bethesda, Maryland, US), Accession No. AAF36830, Colonna <i>et al.</i> , "Molecular characterization of two novel C-type lectin-like receptors, one of which is selectively expressed in human dendritic cells", <i>Eur J Immunol</i> 30:697-704, 2000.
	C41	Database GenBank. National Library of Medicine, (Bethesda, Maryland, US), Accession No. X74904, Nimpf <i>et al.</i> , "The somatic cell-specific low density lipoprotein receptor-related protein of the chicken: close kinship to mammalian low density lipoprotein receptor gene family members", <i>J Biol Chem</i> 269:212-219, 1994.
	C42	Database GenBank. National Library of Medicine, (Bethesda, Maryland, US), Accession No. X67469, van Leuven, M. musculus mRNA for AM2 receptor, 1992.
	C43	Database GenBank. National Library of Medicine, (Bethesda, Maryland, US), Accession No. X13916, Herz, Human mRNA for LDL-receptor related protein, 1988.
	C44	Liu <i>et al.</i> , "LRP-DIT, a putative endocytic receptor gene, is frequently inactivated in non-small lung cancer cell lines", <i>Cancer Res</i> 60:1961-1967, 2000.

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C45	Database GenBank. National Library of Medicine, (Bethesda, Maryland, US), Accession No. AF053368, Jang <i>et al.</i> , "Comparative sequence of human and mouse BAC clones from the mnd2 region of chromosome 2p13", <i>Genome Res</i> 9:53-61, 1999.	
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C49	Rust <i>et al.</i> , "Tangier disease is caused by mutations in the gene encoding ATP-binding cassette transporter 1", <i>Nat Genet</i> 22:352-355, 1999.	
C50	Sekiya <i>et al.</i> , "Regulation of phospholipase C isozymes: activation of phospholipase C-γ in the absence of tyrosine-phosphorylation", <i>Chem Phys Lip</i> 98:3-11, 1999.	
C51	Gijon <i>et al.</i> , "Regulation of arachidonic acid release and cytosolic phospholipase A ₂ activation", <i>J Leuk Biol</i> 65:330-336, 1999.	
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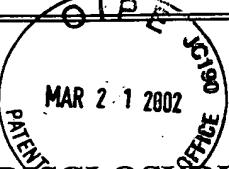
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	C54	Greaves <i>et al.</i> , "Recent progress in defining the role of scavenger receptors in lipid transport, atherosclerosis and host defence", <i>Curr Opin Lipidol</i> 9:425-432, 1998.
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	C59	Perrey <i>et al.</i> , "The LDL receptor is the major pathway for β -VLDL uptake by mouse peritoneal macrophages", <i>Atherosclerosis</i> 154:51-60, 2001.
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	C61	Kounnas <i>et al.</i> , "LDL receptor-related protein, a multifunctional ApoE receptor, binds secreted β -amyloid precursor protein and mediates its degradation", <i>Cell</i> 82:331-340, 1995.
	C62	Fischer <i>et al.</i> , "An antiviral soluble form of the LDL receptor induced by interferon", <i>Science</i> 262:250-253, 1993.

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